

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C07D 453/00, C07D 453/02, A61K 31/439, A61P 35/00  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C07D, A61K, A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, STN-CAPLUS, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2004076449 A2 (TARGACEPT, INC.), 10 Sept 2004 (10.09.2004), claims 1-80 --	1-15
P,X	WO 2004084893 A1 (APREA AB), 7 October 2004 (07.10.2004), formula II --	1-15
X	WO 03070250 A1 (KAROLINSKA INNOVATIONS AB), 28 August 2003 (28.08.2003), claim 8 --	2
X	WO 0224692 A1 (KAROLINSKA INNOVATIONS AB), 28 March 2002 (28.03.2002), figure 1B --	2

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier application or patent but published on or after the international filing date  
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other means  
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

13 July 2005

Date of mailing of the international search report

18 -07- 2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0217358 A2 (PHARMACIA & UPJOHN COMPANY), 28 February 2002 (28.02.2002), formula I --	3,5
X	WO 9118899 A1 (PFIZER INC.), 12 December 1991 (12.12.1991), formula I --	3,5
X	US 4599344 A (THOMAS K. MORGAN, JR.), 8 July 1986 (08.07.1986), claims 1-39 --	1-15
X	Chemical Abstracts, volume 108, (Columbus, Ohio, USA), Yanina, A. D. et al, "Synthesis and pharmacological properties of 2- and 2,3-substituted quinuclidines", THE ABSTRACT No 49287m, Khim.-Far. Zh. 1987, 21(7), 808-11, formula I --	3-4
X	Nielsen, Arnold T, "Systems with Bridgehead Nitrogen. Beta-Ketols of the 1-Azabicyclo(2.2.2)octane Series", Journal of organic chemistry, 1966, vol. 31, no. 4, page 1053 - page 1059, scheme I --	3-4
A	US 3384641 A (JOHN H. BIEL ET AL), 21 May 1968 (21.05.1968), examples 1-4 --	2-3
A	WO 0034276 A1 (R.J. REYNOLDS TOBACCO COMPANY), 15 June 2000 (15.06.2000), formulas I-II --	1-15
A	US 3726877 A (SAMUEL ELKIN ET AL), 10 April 1973 (10.04.1973), claim 1 --	1-15

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>Bondarenko, V. A. et al, "Synthesis and antiarrhythmic activity of derivatives of 3-aminoquinuclidine and 2-(aminomethyl) quinuclidine", Pharmaceutical chemistry journal, 1978, vol. 12, no. 11, page 1452 - page 1455, compounds I-XXIII</p> <p>--</p>	1-15
A	<p>Vorob'eva, V. Ya et al, "Reaction of 2-methylene-3-oxoquinuclidine with nucleophilic reagents", Chemistry of heterocyclic compounds, 1977, vol. 10, page 1098 - page 1104, pages 1098 - 1100</p> <p>--</p>	1-15
A	<p>Bersten, Tatiana et al, "Synthesis and evaluation of prima-1 and its analogs as compounds capable of restoring normal activity to mutant P-53", 226th ACS National Meeting 0-8412-3889-9, American Chemical Society, New York, NY, 7-11 September 2003, abstract of papers, part 2, column 255, formula</p> <p>--</p> <p>-----</p>	1-15

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US	3726877	A	10/04/1973	NONE
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